

# Comparisons of Job Characteristics

**Focus Occupation: Animal Scientists (19-1011)**

**Associated Occupation: Farm and Home Management Advisors (25-9021)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

|    |  |
|----|--|
| << | Focus occupation element is much lower             |
| <  | Focus occupation element is lower                  |
| 0  | Focus occupation element is at a similar level     |
| >  | Focus occupation element is at a higher level      |
| >> | Focus occupation element is at a much higher level |

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 68

**Focus Occupation: Animal Scientists (19-1011)**

**Associated Occupation: Farm and Home Management Advisors (25-9021)**

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation                            |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Education and Training                         | 9.2                             | 21.1                           | 13.2                      | << Extensive education and/or training may be required    |
| Customer and Personal Service                  | 11.3                            | 16.2                           | 11.5                      | << Extensive education and/or training may be required    |
| Administration and Management                  | 8.4                             | 14.0                           | 10.5                      | << Extensive education and/or training may be required    |
| Food Production                                | 2.1                             | 14.0                           | 17.2                      | > Current knowledge level is likely sufficient            |
| Biology  | 3.7                             | 12.0                           | 21.1                      | >> Current knowledge level is likely more than sufficient |
| Communications and Media                       | 5.3                             | 11.0                           | 7.2                       | << Extensive education and/or training may be required    |
| Sociology and Anthropology                     | 4.1                             | 10.2                           | 3.3                       | << Extensive education and/or training may be required    |
| Economics and Accounting                       | 4.4                             | 8.6                            | 8.0                       | 0 Current knowledge level may be sufficient               |
| Sales and Marketing                            | 5.2                             | 8.3                            | 8.6                       | 0 Current knowledge level may be sufficient               |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation: Animal Scientists (19-1011)**

**Associated Occupation: Farm and Home Management Advisors (25-9021)**

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation         |
|---|---------------------------------|--------------------------------|---------------------------|--|
| Speaking                                    | 10.8                            | 15.9                           | 13.5                      | < A higher skill level may be required |
| Active Listening                            | 11.0                            | 15.3                           | 13.4                      | < A higher skill level may be required |

|                              |     |      |      |    |  |
|------------------------------|-----|------|------|----|--|
| Learning Strategies          | 7.2 | 14.8 | 8.7  | << | Extensive development of skills in this area may be required |
| Active Learning              | 8.7 | 14.1 | 11.9 | <  | A higher skill level may be required                         |
| Judgment and Decision Making | 9.4 | 13.5 | 13.3 | 0  | Current skill level may be sufficient                        |
| Complex Problem Solving      | 9.1 | 13.3 | 13.2 | 0  | Current skill level may be sufficient                        |
| Social Perceptiveness        | 9.1 | 13.3 | 10.1 | << | Extensive development of skills in this area may be required |
| Coordination                 | 9.1 | 13.2 | 10.6 | <  | A higher skill level may be required                         |
| Instructing                  | 7.8 | 13.2 | 9.2  | << | Extensive development of skills in this area may be required |
| Service Orientation          | 7.9 | 12.9 | 8.1  | << | Extensive development of skills in this area may be required |
| Systems Analysis             | 6.5 | 12.8 | 10.6 | <  | A higher skill level may be required                         |
| Systems Evaluation           | 6.4 | 12.6 | 10.7 | <  | A higher skill level may be required                         |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Animal Scientists (19-1011)

Associated Occupation: Farm and Home Management Advisors (25-9021)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating |    | Evaluation of Focus Occupation                     |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Oral Expression                                | 12.4                            | 17.0                           | 16.0                      | 0  | Current ability level may be sufficient            |
| Oral Comprehension                             | 12.5                            | 16.6                           | 16.4                      | 0  | Current ability level may be sufficient            |
| Speech Clarity                                 | 10.2                            | 15.4                           | 11.6                      | << | Extensive improvement in abilities may be required |
| Speech Recognition                             | 9.9                             | 14.2                           | 11.4                      | <  | Some improvement in abilities may be required      |
| Inductive Reasoning                            | 10.2                            | 13.8                           | 14.9                      | 0  | Current ability level may be sufficient            |
| Fluency of Ideas                               | 7.6                             | 13.2                           | 11.1                      | <  | Some improvement in abilities may be required      |
| Originality                                    | 7.6                             | 12.6                           | 10.1                      | <  | Some improvement in abilities may be required      |
| Number Facility                                | 6.3                             | 10.0                           | 9.2                       | 0  | Current ability level may be sufficient            |
| Memorization                                   | 5.6                             | 9.4                            | 6.7                       | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Animal Scientists (19-1011)

Associated Occupation: Farm and Home Management Advisors (25-9021)

| Work Activities                           | Exclusivity of Activity |
|---|-------------------------|
| Advise clients or customers               | 19                      |
| Collect statistical data                  | 47                      |
| Identify livestock characteristics        | 81                      |
| Make presentations                        | 13                      |
| Recognize disease or parasites in animals | 72                      |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 82

**Focus Occupation: Animal Scientists (19-1011)**

**Associated Occupation: Farm and Home Management Advisors (25-9021)**

| Tools and Technologies                 | Exclusivity |
|--|-------------|
| Business function specific software    | 1           |
| Computers                              | 1           |
| Content authoring and editing software | 1           |
| Data management and query software     | 1           |
| Information exchange software          | 1           |
| Network applications software          | 1           |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.